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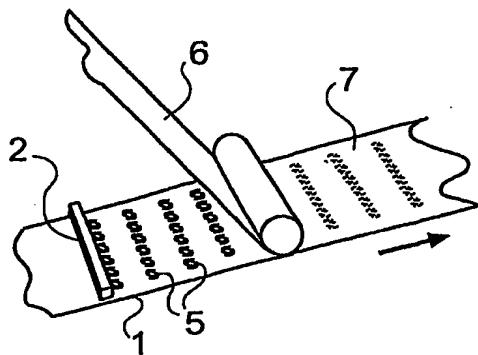
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(54) Title: A METHOD FOR PRODUCING IDENTIFICATION MARKS ON PAPER OR BOARD AND A MARKED MATERIAL MADE WITH THE METHOD



(57) Abstract: The invention comprises a method for producing identification marks (5) on layer-structured paper or board (7) to be manufactured in a continuous web and the marked papers and boards obtained with this method. With this method, the marks (5) are made with a laser beam on a moving web form fiber layer (1), on which a second layer of material (6) is subsequently overlaid in such a way that the marks remain inside the layer-structure of the moving web. The second material layer (6) may comprise a second fiber layer or, for example, a polymer coating. The laser marking could take place, for example, by burning the surface of the fiber layer (1) or by engraving it. Inside the layer structure, the marks (5) are protected, but detectable with a detector to ensure the authenticity of the material: The marked paper or board is suitable for product packages to be protected against product forgeries.

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